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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/543,047

07/21/2005

Alan Kay Snell

1032.036

3882

36790 7590 04/10/2007
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EXAMINER

KIDWELL, MICHELE M

ART UNIT

PAPER NUMBER

3761

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

04/10/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/543,047

Applicant(s)

SNELL, ALAN KAY

Examiner

Michele Kidwell

Art Unit

3761

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 November 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 20,22,23 and 45-48 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 20,22,23 and 45-48 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date See Continuation Sheet.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :11/15/06;10/12/05;9/30/05;9/16/05.

DETAILED ACTION

Information Disclosure Statement

The information disclosure statement filed May 17, 2006 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because the information disclosure statement does not include the application number of the application in which the information disclosure statement is being submitted. It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

The information disclosure statements filed March 2, 2006 and February 27, 2006 fail to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because each U.S. patent listed in an information disclosure statement must be identified by inventor, patent number, and issue date. It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based

on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 20, 22 – 23 and 45 – 48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Finkel et al. (US 4,702,378) in view of Caveness (US 2003/0029740).

With reference to claim 20, Finkel et al. (hereinafter "Finkel") discloses a method of packaging a single, unused diaper comprising the steps of disposing the single, unused diaper within a substantially air impermeable encasement, the diaper being the only diaper within the encasement set forth in the figures.

The difference between Finkel and claim 20 is the provision that the packaged diaper is volumetrically reduced as claimed.

Caveness teaches a towel, which may ultimately function as a diaper, in an air sealed, or alternatively, vacuum-sealed compartment including an airtight seal as set forth on page 2, [0021]. The disclosure of vacuum sealing provides at least a partial vacuum whereby a pressure differential acts upon the encasement and towel to maintain the article in compressed state.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the diaper of Finkel to include a diaper in a vacuum

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sealed compartment as taught by Caveness in order to provide a more compact, sanitary and portable article as taught by Caveness on page 2, [0003] – [0007].

As to claim 22, Finkel discloses a diaper folded into a substantially rectangular shape as set forth in figure 4.

Regarding claim 23, Finkel provides a folded diaper as set forth in figure 4. The fact that the diaper is rolled as opposed to folded in half does not patentably distinguish the claimed invention from the prior art as the diaper of Finkel is fully capable of being rolled as claimed.

With reference to claim 45, Caveness teaches the dimensions of the folded article on page 2, [0023]. The encasement as shown in figure 1 would reasonably fall within the claimed range because the area outside of the encasement would have to be at least 3 times the size of the folded article in order to fall outside of the range as claimed, and as shown in the figure, the encasement is not that large.

Regarding claim 46, Finkel in view of Caveness may not explicitly disclose the pressure as measured on the order of magnitude of millibars, however, the disclosure of vacuum sealing would ultimately provide a pressure similar to that claimed.

Furthermore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the amount of pressure in order to determine the most effective product since it has been held that where the general conditions of a claim are disclosed by the prior art, discovering the optimum or workable range involves only routine skill in the art.


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As to claims 47 and 48, Finkel discloses at least one diaper accessory as set forth in col. 3, lines 3 – 8.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michele Kidwell whose telephone number is 571-272-4935. The examiner can normally be reached on Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tatyana Zalukaeva can be reached on 571-272-1115. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Michele Kidwell
Primary Examiner
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